

[CLAIMS]

- [1] A thermal transfer sheet comprising: a substrate; a heat resistant slip layer; an adhesive layer; and a dye layer, wherein
- said heat resistant slip layer is provided on one side of said substrate,
- said adhesive layer and said dye layer are provided in that order on the other side of said substrate, and
- said adhesive layer comprises a modified polyvinylpyrrolidone resin.
- [2] The thermal transfer sheet according to claim 1, which the content of said modified polyvinylpyrrolidone resin in the adhesive layer is 10% by weight to 50% by weight based on the total solid content of the component(s) constituting the adhesive layer.
- [3] The thermal transfer sheet according to claim 1 or 2, wherein the coverage of the component(s) constituting the adhesive layer is 0.01 to 0.3 g/m² on a dry basis of the adhesive layer.
- [4] A thermal transfer sheet comprising: a substrate; a heat resistant slip layer; an adhesive layer; and a dye layer, wherein
- said heat resistant slip layer is provided on one side of said substrate,
- said adhesive layer and said dye layer are provided in that order on the other side of said substrate, and
- said adhesive layer comprises a polyvinylpyrrolidone resin and a saccharide or a sugar alcohol.
- [5] The thermal transfer sheet according to claim 4, wherein the content of said saccharide or sugar alcohol in said adhesive layer is 5% by weight to 10% by weight based on the total solid content of the components constituting the adhesive layer.
- [6] The thermal transfer sheet according to claim 4 or 5, wherein the coverage of the component(s) constituting the

adhesive layer is 0.05 to 0.3 g/m² on a dry basis of the adhesive layer.

- [7] A thermal transfer sheet comprising: a substrate; a heat resistant slip layer; an adhesive layer; and a dye layer, wherein

said heat resistant slip layer is provided on one side of said substrate,

said adhesive layer and said dye layer are provided in that order on the other side of said substrate, and

said adhesive layer comprises a polyvinylpyrrolidone resin and a complex forming agent.

- [8] The thermal transfer sheet according to claim 7, wherein the content of said complex forming agent is 0.5% by weight to 10% by weight based on the total solid content of the components constituting the adhesive layer.

- [9] The thermal transfer sheet according to claim 7 or 8, wherein the coverage of the component(s) constituting the adhesive layer is 0.05 to 0.3 g/m² on a dry basis of the adhesive layer.

- [10] A thermal transfer sheet comprising: a substrate; a heat resistant slip layer; an adhesive layer; and a dye layer, wherein

said heat resistant slip layer is provided on one side of said substrate,

said adhesive layer and said dye layer are provided in that order on the other side of said substrate, and

said adhesive layer comprises a polyvinylpyrrolidone resin and a modifying agent for modifying said resin.

- [11] The thermal transfer sheet according to claim 10, wherein the content of said complex forming agent is 0.5% by weight to 10% by weight based on the total solid content of the components constituting the adhesive layer.

- [12] The thermal transfer sheet according to claim 10 or 11, wherein the coverage of the components constituting the adhesive layer is 0.05 to 0.3 g/m² on a dry basis of the adhesive layer.

- [13] A thermal transfer sheet comprising: a substrate; and an adhesive layer and a dye layer provided in that order on at least one side of the substrate, wherein
said adhesive layer comprises a polyvinylpyrrolidone resin,
(A) at least one component selected from the group consisting of polyurethane resins and acrylic polyol resins that are soluble in a mixed solvent composed of methyl ethyl ketone and isopropyl alcohol at a weight ratio of 1 : 1 and, even when diluted to a solid content of 5% by weight, do not gel, and
(B) at least one component selected from the group consisting of isocyanates, blocked isocyanates, and aluminum chelating agents that are soluble in a mixed solvent composed of methyl ethyl ketone and isopropyl alcohol at a weight ratio of 1 : 1 and, even when diluted to a solid content of 5% by weight, do not gel.
- [14] The thermal transfer sheet according to claim 13, wherein said adhesive layer further comprises a modification product of a polyvinylpyrrolidone resin.
- [15] The thermal transfer sheet according to claim 13, wherein
the content of at least one component selected from said group (A) in said adhesive layer is 1% by weight to 30% by weight based on the total solid content of the components constituting the adhesive layer, and
the content of at least one component selected from said group (B) in said adhesive layer is 1% by weight to 10% by weight based on the total solid content of the components constituting the adhesive layer.
- [16] The thermal transfer sheet according to any one of claims 13 to 15, wherein the coverage of the components constituting the adhesive layer is 0.01 to 3.0 g/m² on a dry basis of the adhesive layer.